

ABSTRACT

An interface receiver coupled among a plurality network elements of at least one network is provided, comprising at least one random access memory (RAM) and at least one comparator. Time Slot network (TS net) data frames comprising switching event information are received from each of a number of channels of a backplane network. Compare operations are performed at prespecified intervals among at least one data frame stored in the RAM and at least one subsequently received data frame. Interrupt signals are generated in response to data changes determined by the compare operations.